

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	91	((misfire fault) and engine and (engine near3 (speed velocity)) and (threshold value)).clm.	US-PGPUB	OR	ON	2006/05/24 10:19
S1	1	("20040215744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 16:44
S2	1	("20040237635").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 16:45
S3	1	("20040211249").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/29 09:26
S7	12	(OHSAKI adj MASANOBU).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:48
S9	102	(Nakano adj kazumi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S11	748	(shiyunichi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:53
S12	10	engine and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 16:53
S17	1922	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:31
S18	4583	(73/116,117.2,117.3,118.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/26 17:05

## EAST Search History

S19	264	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:06
S20	641	S17 and misfire.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/26 17:06
S21	149	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 09:00
S22	21	(OZAKI adj HISANORI ).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 09:44
S23	102	(Nakano adj kazumi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S24	2	misfire and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/29 10:05
S26	7	("5189373"   "5337716"   "5775298"   "6185500"   "6246952"   "6371078"   "6550456").PN. OR ("6925374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 12:14
S27	19	("5278760"   "5377537"   "5387253"   "5503007"   "5508927"   "5515720"   "5542291"   "5544521"   "5559705"   "5574217"   "5602331"   "5633456"   "5713339"   "5804711"   "5841025"   "5862506"   "5906652"   "6112149"   "6388444").PN. OR ("6885932"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 12:19

## EAST Search History

S28	54	("3908366"   "4179922"   "4186701"   "4271811"   "4308519"   "4461257"   "4488528"   "4491110"   "4532592"   "4562818"   "4606224"   "4716874"   "4782692"   "4846129"   "4862093"   "4886029"   "4928228"   "4930479"   "4930481"   "4932379"   "4936277"   "4941445"   "4976241"   "4987771"   "5021960"   "5044194"   "5044195"   "5056360"   "5095742"   "5109695"   "5117681"   "5144927"   "5200899"   "5231869"   "5239473"   "5278760"   "5313075"   "5349864"   "5361629"   "5369989"   "5383350"   "5387253"   "5392641"   "5394744").PN. OR ("5633456"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/29 13:04
S29	61	("3908366"   "4179922"   "4186701"   "4271811"   "4308519"   "4461257"   "4488528"   "4491110"   "4532592"   "4562818"   "4606224"   "4716874"   "4782692"   "4846129"   "4862093"   "4886029"   "4928228"   "4930479"   "4930481"   "4932379"   "4936277"   "4941445"   "4976241"   "4987711"   "4987771"   "5021960"   "5044194"   "5044195"   "5056360"   "5095742"   "5109695"   "5117681"   "5144927"   "5200899"   "5231869"   "5239473"   "5263453"   "5278760"   "5307671"   "5313407"   "5357790"   "5361628"   "5361629"   "5379634"   "5381689"   "5387253"   "5392641"   "5508927"   "5515720"   "5544521"   "5561600"   "5574217"   "5574646"   "5576963"   "5602331"   "5668725"   "5687082"   "5699252"   "5699253"   "5862507").PN. OR ("6314802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 09:35
S30	22	("4780826"   "5044195"   "5197325"   "5216915"   "5263365"   "5357788"   "5426587"   "5428991"   "5452604"   "5487008"   "5495415"   "5544058").PN. OR ("5822710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/30 12:58

## EAST Search History

S34	15	correct\$3 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:03
S35	21175	threshold with correct\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S36	1926	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S37	4585	(73/116,117.2,117.3,118.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/08/30 13:04
S38	264	S36 and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S39	643	S36 and misfire.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S40	149	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:04
S41	10	S35 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 13:05
S42	787	average adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14

## EAST Search History

S43	0	S42 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14
S44	935	averag\$3 adj threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:14
S45	0	S44 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:15
S46	3	S44 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/30 15:15
S47	13	(US-20040144165-\$).did. or (US-5841025-\$ or US-5239473-\$ or US-5117681-\$ or US-5602331-\$ or US-5574217-\$ or US-6584834-\$ or US-5862507-\$ or US-6243641-\$ or US-6006155-\$ or US-5822710-\$ or US-6185928-\$).did. or (JP-04171249-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/08/31 08:42
S49	6	S47 and frequency	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:48
S50	1926	misfire and engine and (engine adj (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S51	0	(misfire with frequency) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49

## EAST Search History

S52	131	(misfire with frequency) and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S53	23	S52 and (misfire adj frequency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/31 08:49
S54	3	("6006155"   "6292738"   "6546328").PN. OR ("6907341"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/31 09:06
S56	1185	(73/117.3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/17 08:21
S57	2791	misfire and engine and (engine near3 (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:19
S58	233	(misfire and engine and (engine near3 (speed velocity))).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:32
S59	548	((misfire fault) and engine and (engine near3 (speed velocity))). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:32
S60	419	((misfire fault) and engine and (engine near3 (speed velocity)) and (threshold value)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 10:19
S61	0	("2004/0237635").URPN.	USPAT	OR	ON	2006/01/17 08:42
S62	168	S60 and "73".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 08:50

## EAST Search History

S63	5	("5452604"   "5559285"   "5735246"   "5794171"   "6598589").PN. OR ("6968268").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/17 08:53
S64	0	("2004/0211249").URPN.	USPAT	OR	ON	2006/01/17 14:40
S65	0	("6584834").URPN.	USPAT	OR	ON	2006/01/17 16:19
S66	2791	misfire and engine and (engine near3 (speed velocity))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:20
S67	105	(threshold with correct\$3) and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/17 16:26
S68	1	("5,140,962").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/17 16:26
S69	18	("4711213"   "4729358"   "4736723"   "4760828"   "4766545"   "4770144"   "4774922"   "4790281"   "4951630"   "4971007").PN. OR ("5140962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/17 16:27